

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference BW369M	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, Item 5 below.	
International application No. PCT/IT2005/000409	International filing date (day/month/year) 18/07/2005	(Earliest) Priority Date (day/month/year) 27/07/2004
Applicant SAES GETTERS S.P.A.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 3

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N27/64 G01N27/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 304 797 A (IRIE ET AL) 19 April 1994 (1994-04-19) column 5, line 65 - column 01, line 25; figure 1 -----	1-3
A	US 5 485 016 A (IRIE ET AL) 16 January 1996 (1996-01-16) cited in the application column 13, line 50 - line 56 column 14, line 54 - column 15, line 35; figure 4 -----	1-3
A	US 5 420 424 A (CARNAHAN ET AL) 30 May 1995 (1995-05-30) cited in the application column 4, line 13 - column 6, line 39; figure 2 ----- -/--	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *I* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

20 October 2005

Date of mailing of the international search report

27/10/2005

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Purdie, D

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 772 794 A (JENKINS ET AL) 20 September 1988 (1988-09-20) column 2, line 38 - column 3, line 68 -----	1,2
A	ROSS S K ET AL: "Reverse flow continuous corona discharge ionisation applied to ion mobility spectrometry" INTERNATIONAL JOURNAL OF MASS SPECTROMETRY, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 218, no. 2, 1 July 2002 (2002-07-01), pages L1-L6, XP004371478 ISSN: 1387-3806 figure 1 -----	1
A	TABRIZCHI M ET AL: "A novel electron source for negative ion mobility spectrometry" INTERNATIONAL JOURNAL OF MASS SPECTROMETRY, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 218, no. 1, 15 June 2002 (2002-06-15), pages 75-85, XP004366498 ISSN: 1387-3806 figure 1 -----	1,2

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5304797	A	19-04-1994	JP	5242858 A	21-09-1993
US 5485016	A	16-01-1996	JP	6310091 A	04-11-1994
US 5420424	A	30-05-1995	CA	2148166 A1	30-10-1995
			DE	69524282 D1	17-01-2002
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			EP	0679886 A1	02-11-1995
			FI	951910 A	30-10-1995
			IL	113468 A	20-11-1997
			JP	3688010 B2	24-08-2005
			JP	8054373 A	27-02-1996
US 4772794	A	20-09-1988	GB	2176008 A	10-12-1986